

ABSTRACT OF THE DISCLOSURE

A target system for determining the location of a position on a vehicle comprises a target body, one or more target elements, a trigger, and a point definer. The target elements are disposed on the target body and are detectable by a position determination system. The trigger is positioned on the target body and is remote from the position determination system. The trigger operates the position determination system by selectively changing the detection of one or more of the target elements by the position determination system. The point definer extends from the target body, and the point definer includes a point at its distal end. The point is capable of being located adjacent the position on the vehicle and is at a known location from the target body. The position determination system determines a location of the target body after detecting the target elements disposed on the target body. Methods of using the target system are disclosed.